

# KOREAN PATENT ABSTRACT(KR)

(11) Publication No. 10-1999-0059847

(21) Application No. 10-1997-0080061

(51) IPC Code:  
G01N 27/16

(43) Publication Date. 19990726

(22) Application Date. 19971231

(54) TITLE OF THE INVENTION

METHOD FOR CONTROLLING AN OXYGEN SENSOR

## <Abstract>

The present invention relates to a method for controlling an oxygen sensor. A control apparatus operates a heater by a heating duty added by a compensation value obtained in consideration of a heating index of an oxygen sensor heater based on a change of an engine speed and an engine load. When the heating index is determined to be high, the control apparatus operates the heater by a heating duty subtracted by a compensation value obtained in consideration of a vehicle speed and an intake air temperature. Thereby, the present invention provides a method for controlling an oxygen sensor having an effect of reduction of exhaust gas and enhancement in durability of an oxygen sensor by a feedback control of the engine due to controlling the heating duty based on the vehicle speed and air temperature such that the temperature of a titania oxygen sensor may be maintained at a same level.